SHARP®

Workgroup Monochrome Document Systems

Multi-faceted Performance. Advanced Versatility.

MX-M350
MX-M450

"Most Secure MFP" Award 2007

"Outstanding MFP Security Solution" 2006

Go beyond performance with the new Sharp MX-M350 and MX-M450 document systems.

Multi-tasking is a necessity in today's fast-paced business world. And with the Sharp MX-M350 and MX-M450 Document Systems, it's never been so easy to be so productive. With unparalleled reliability and best-in-class multifunction features, these powerful systems centralize document workflow and provide an efficient method of office communication. The heart of these multi-faceted performers delivers advanced copy, print, scan, and fax capabilities that enable busy workgroups to seamlessly share information more efficiently and cost effectively. Built-in software makes it easy to manage, edit and distribute documents simply and securely. And that's not all, the modular design of the new MX-M350 and MX-M450 Document Systems provides the features you need today, as well as the expandability for workflow applications as your business needs evolve.

Create it. Scan it. Store it. Send it.
Empower your workgroup with Sharp's new multi-tasking MX-M350 and MX-M450 Document Systems.

The latest advancements at your command.

Reliable

Responsive

Adaptive

Secure

- Large 8.9" (measured diagonally) Touch-Screen LCD Display for easy operation
- Scan^{2}™ Technology increases productivity, enhances reliability, and preserves document integrity
- 50-sheet Duplex Single Pass Feeder for increased efficiency
- Document filing system enables users to easily archive documents (standard on N models)
- 40 GB Hard Drive offers heightened processing power (standard on N models)
- TIFF and PDF Direct Printing for advanced flexibility*
- Auto Duplexing on stocks up to 97 lb. index
- IPv6 support with Advanced Security features
- LDAP support with optional Network Scanner Expansion Kit
- Scan to network folders using SMB for quick scanning without complicated applications*
- PC Fax and Internet Fax capability with optional Super G3 Fax and Internet Fax Expansion Kits
- Versatile application integration with Sharp OSA™ development platform enables users to access network applications directly from the LCD panel
- My Sharp™ website provides comprehensive 24-hour web-based end-user training

** Some features require optional equipment.*

Impressive attributes that enhance productivity.

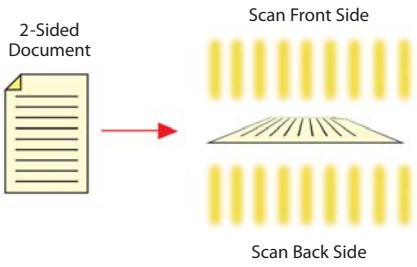
Redefining productivity...again

Ideal for fast-paced, mid-volume workgroups, Sharp's new MX-M350/M450 Document Systems raise the bar on productivity. With an online paper capacity of 3,100 sheets, these advanced performers deliver fast copy/print speeds of 35/45 ppm, accelerating your workflow like never before. Plus, a large 8.9" (measured diagonally) touch-screen LCD display makes operation simple and easy.

Lightning-fast scan² technology

With a robust engine controller and Scan-Once, Print-Many memory management, the MX-M350/M450 Document Systems produce laser-quality **600-dpi** output. And there's more. With Sharp's innovative **Scan² Technology and 50-sheet Duplex Single Pass Feeder,** Sharp's new MX-M350/M450 Document Systems scan a duplexed document in one single pass, reducing misfeeds and improving reliability. Now large copy jobs can be completed in about half the time!

scan²
Empowered by Color Scan² Technology



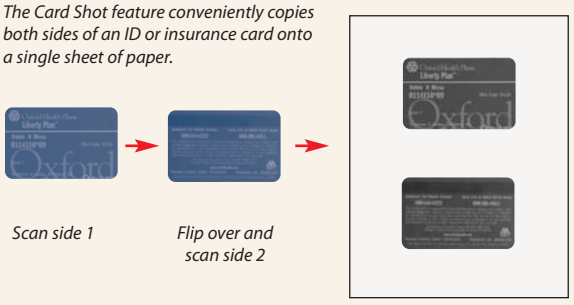
Scan² Technology scans both sides of a document simultaneously, minimizing paper misfeeds dramatically.

Efficient, two-sided copying speeds up your workflow with the 50-sheet Duplex Single Pass Feeder.

Simplified ID card duplication

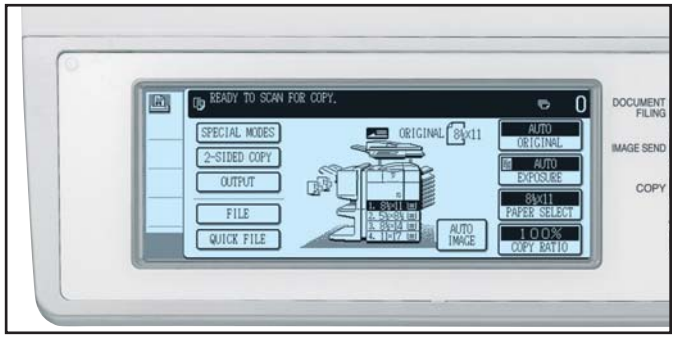
Need to copy 2-sided cards for identification or insurance purposes? The innovative **Card Shot** function copies both sides of the card in two easy steps! The first side of the card is stored into memory as the second side is captured. Both sides are output onto one side of paper—reducing consumables and saving time.

The Card Shot feature conveniently copies both sides of an ID or insurance card onto a single sheet of paper.



More power when you need it

To maximize your systems during busy periods or print documents concurrently at different locations, use **Network Tandem Printing.** Easily connect two MX-M350/M450 Document Systems—even if they are in different locations—without the hassle of special cables. Plus, each system doesn't need to be identically configured, enabling you to Tandem Print with just a few keystrokes quickly and easily.



Large 8.9" (measured diagonally) touch-screen LCD display with icon-driven graphics simplifies sophisticated features (N model shown)

High performance features

Point. Click. Print. Done.

Jump-start your productivity with powerful 466 MHz PCL6 compatible network printing (N models). An incredibly robust 40 GB Hard Drive delivers enhanced speed and processing power, transforming the MX-M350N/M450N Document Systems into the hub of productivity in busy workgroups. Features include:

- **Carbon Copy Print** mode automatically produces forms in triplicate utilizing different colored sheets of paper
- **Duplex Printing** on up to 97 lb. index from available multi-purpose trays enables you to produce a variety of documents in-house
- **TIFF and PDF Direct Printing** enables you to efficiently print PDF and TIFF files quickly and easily*
- **Permanent Font and Forms Storage** for speedy printing
- **Security-enabled NIC Card** to restrict user access with IP/MAC Address Filtering and enhanced security protocols

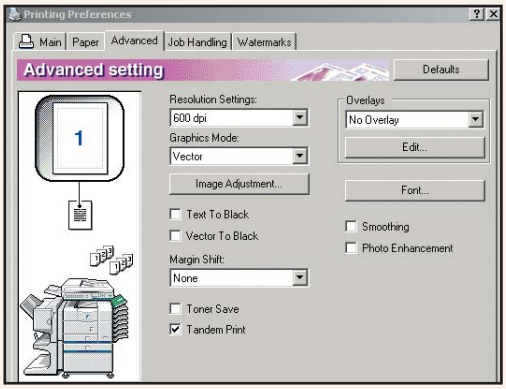
Professional finishing options at your command

For added versatility the MX-M350/M450 Document Systems offer advanced paper handling options that put you in control of your workflow—and your deadlines. With the ability to print on a variety of paper stocks and sizes, you can help reduce outsourcing and production costs.

The MX-M350/M450 Document Systems also offer a choice of optional finishers, so you can output high-quality, professionally-finished documents without the cost of outsourcing. On-demand, on-the-fly finishing empowers your workgroup to create proposals, handouts, newsletters—virtually anything that your business might require—quickly and easily.

With a wide array of capabilities, you can choose either the **Two-Tray Finisher** or the **Saddle-Stitch Finisher,** which include 3-position stapling, center folding, a 50-sheet stapling capacity, and more. Add more versatility with the **Mail Bin Stacker,** which offers a 250-sheet face-down delivery of documents as well as seven 100-sheet mail bins to make distribution effortless.

** Not available on some operating systems. Some features require optional equipment.*



Standard Tandem Printing (on N models) can reduce mail and outsourcing costs.

Professional Finishing Options

AR-FN7
Saddle Stitch Finisher

OR

AR-FN6
Two-Tray Finisher

Advanced document security protects your assets

"Most Secure MFP" Award 2007

DATA SECURITY

"Outstanding MFP Security Solution" 2006

To help protect your data, the MX-M350/M450 Document Systems offer several layers of security, making Sharp the optimum choice to help protect employee privacy and intellectual property.* As a leader in office equipment security, Sharp makes it easy for any business or government entity to safely deploy digital copying, printing, scanning and faxing.

Account Codes

Account management enables administrators to control access functions (Copy, Scan, Fax, and Print) and to monitor usage.

Helps keep your documents confidential

To help protect your printed documents from unauthorized viewing, the MX-M350/M450 Document Systems support IPPS protocol and offer confidential printing that requires users to enter a PIN code in order to print a queued document —making it easier to comply with healthcare regulations like HIPAA.

Network scanning access

To help protect your network from unauthorized e-mail communications, the MX-M350/M450 Document Systems' authentication supports SMTPS, FTPS and user authentication, requiring users to login before performing any network scanning operations.*

Control device access over the network*

To help restrict access to the device over the network, the MX-M350/M450 Document Systems offer:

- Secure Socket Layer (SSL Encryption)
- IPv6 and IPsec support
- IP/MAC address filtering, protocol enable/disable and port management for maximum security.

Data erase and encryption*

To help protect your data, the MX-M350/M450 Document Systems offer an optional Data Security Kit that encrypts document data in compliance with using the Advanced Encryption Standard (AES). Additionally, the Data Security Kit erases the temporary memory on the hard drive by overwriting the encrypted data up to seven times, providing an unprecedented level of assurance.

Tracking and auditing information

Legislation and industry policies require companies to be more aware of information flow. Sharp offers both built-in and additional hardware/software which allows users to control, access and track usage of each device on the network.

These scalable security offerings aim to protect your intellectual property, preserve confidential information and help your business to meet regulatory requirements, such as the Health Insurance Portability and Accountability Act (HIPAA), and the Gramm Leach Bliley Act (GLB). For additional information visit: www.sharpusa.com/security

** Some features require optional equipment.*

IMAGINE THE POSSIBILITIES
GET MORE OUT OF YOUR BUSINESS APPLICATIONS

The MX-M350/M450 Document Systems provide powerful functionality for your business so you can immediately leverage your previous investments in data management infrastructure. While others are limited to a small circle of productivity, Sharp's newest innovation, the **Sharp OSA™ development platform** allows users to leverage the power of their back-end systems **right from the control panel**. It's really a new way of thinking with *"power at the panel"* for automation of tasks and a streamlined workflow.

You'll save time and increase the efficiency of everyday tasks with Sharp OSA technology because it can be virtually seamless to the user. Any MX-M350/M450 Document System anywhere in the organization can display choices that were once only available on a desktop PC. With one-touch access to business applications via Sharp OSA integration, you can start and finish a document distribution task without worry.

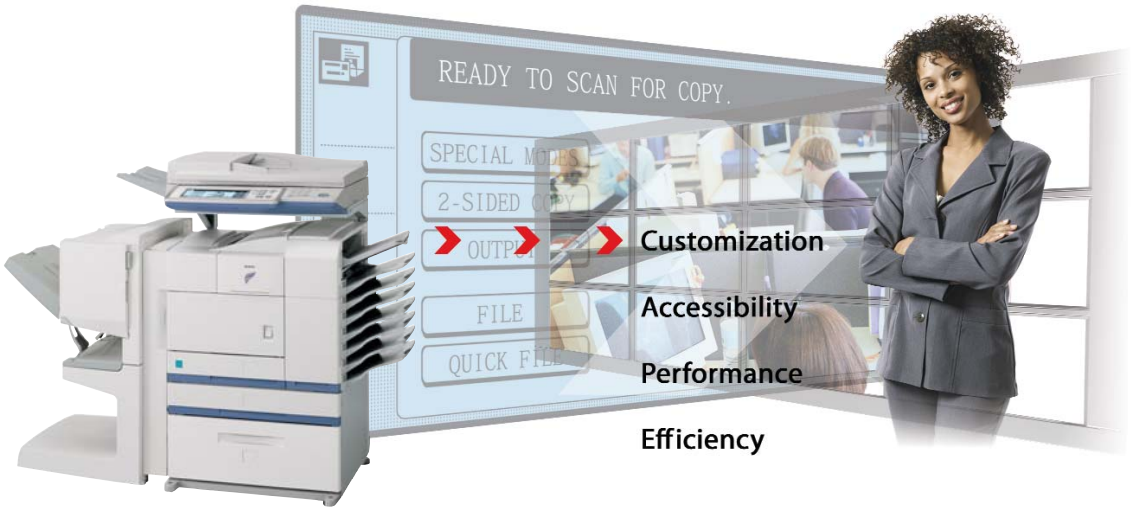
The Sharp OSA development platform is the logical choice as a complement to your existing infrastructure because the MX-M350/M450 Document Systems become the gateway to providing fast, flexible access to documents and applications—no matter where you are in the office. You also get the controlled access and tracking capability you require with tighter integration capabilities for network security and accounting applications. With such comprehensive control, you'll be able to manage your document workflow easily, efficiently, and more securely.

Sharp OSA technology also provides another crucial component to your workflow: customization. With the ability to personalize applications and processes specific to your business, Sharp OSA technology can eliminate redundancy and streamline workflow, helping to save time and optimize productivity. And since Sharp OSA technology utilizes industry-standard network protocols such as SOAP, XML, and XHTML, third-party software developers can deliver customized solutions to your business faster than ever.

SHARP OSA TECHNOLOGY AT A GLANCE

- Automate tasks and save time with seamless integration between the MX-M350/M450 Document Systems and network applications
- Centralized applications minimize set-up and installation of multiple Sharp products
- Helps eliminate repetitive tasks and streamlines workflow, increasing efficiency
- Maximize your return on investment with tighter integration among IT assets
- Industry-standard programming leads to faster deployment of new solutions

OSA™
Sharp Open Systems Architecture



SCAN IT. STORE IT. SEND IT.
IT'S AS EASY AS PUSHING A BUTTON.

POWERFUL AND FLEXIBLE NETWORK SCANNING

Change the way your office works with integrated network scanning. Easily share documents with colleagues regardless of location with versatile scan functionality. Sharp's **ImageSEND** feature transforms the MX-M350/M450 Document Systems into powerful distribution hubs with both input and output capabilities. Scanning is practically effortless: just load your document into the **Duplex Single-Pass Feeder** and then send your files directly from the LCD display to multiple destinations—Send to Desktop, Send to E-mail, Send to FTP, Send to Folder, Send to Group, Send to Fax and Send to i-Fax. With a completely digital workflow, you'll experience incredible efficiency as well as added convenience.

DOCUMENT FILING MADE EASY

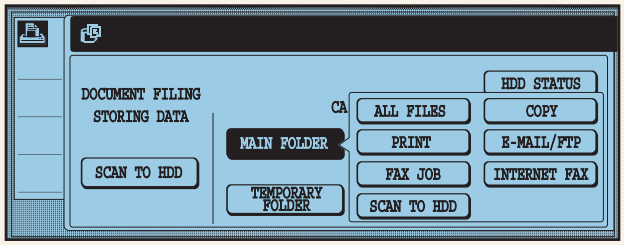
The new MX-M350/M450 Document Systems also offer **Standard Document Filing.** A **16 GB** hard drive partition offers plenty of space to store frequently-used files such as forms and templates. With up to 20,000 pages of storage capacity, every user on the network can share and access documents. And with PIN-code authorization, you can restrict access to secure folders, helping to protect your company's sensitive information.

LDAP SUPPORT

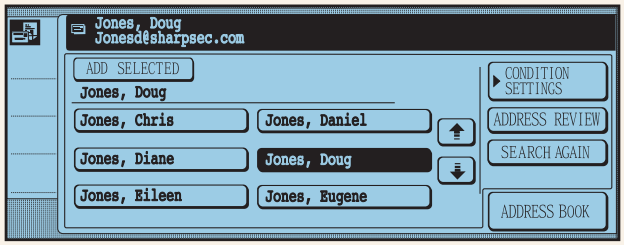
With innovative **LDAP support** (Lightweight Directory Access Protocol), you no longer need to enter a recipient's address. Just key in the first few characters of the address and the MX-M350/M450 Document Systems display a list of matching names. And for enhanced security, integrated **User Authentication** requires users to log in before searching for an address and sending an outbound e-mail (requires optional Network Scanning Kit).

UNIQUE FILE NAMING

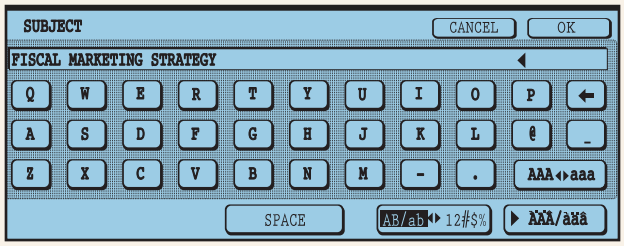
To make the recognition and retrieval of files even easier, use the **Unique File Naming** feature. With the ability to enter specific filenames with customized message and subject fields, locating stored files is a snap. (requires optional Network Scanning Kit).



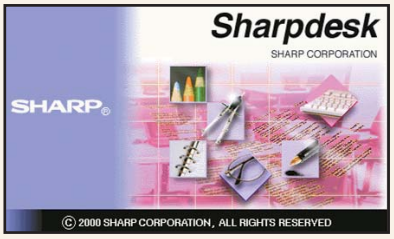
Document filing on N models makes it easy to share and store your scanned files. Up to 20,000 letter-size pages can be stored.



With LDAP, users only need to enter the first few characters of the destination e-mail address, so sending a file is incredibly quick.



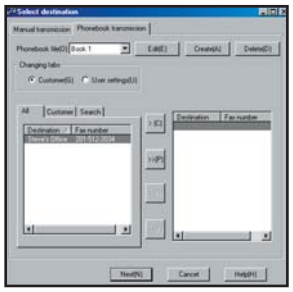
Unique File Naming makes it easy for the recipient to recognize e-mailed documents.



ImageSEND

FABSOFT

INTEGRATED FEATURES THAT AUTOMATE EVERYDAY TASKS.



Sharp's PC-fax driver allows users to fax directly from the desktop, or an application, quickly and easily.

VERSATILE FAX FUNCTIONALITY

Add lightning-fast faxing to your workgroup with the **Super G3 Fax Kit**. Designed for both walk-up and convenient desktop faxing, you'll eliminate extra peripherals and associated costs. The convenient **Inbound Fax Routing** feature allows you to set preferences so fax receptions can be sent directly to your e-mail address, giving mobile users the ability to check order status, updates and more. Create and manage settings through the user-friendly web page right from your desktop. And for additional savings, the optional **Internet Fax Expansion Kit** can reduce long-distance phone costs.

SEAMLESS DOCUMENT MANAGEMENT WITH SHARPDESK

Easily integrate scanned documents into your daily workflow with Sharpdesk® software. Powerful, flexible and intuitive, this robust software enables you to organize, edit, and combine scanned files for maximum productivity. The Search and Index feature provides sophisticated tools that enable you to retrieve archived Sharpdesk documents with incredible ease.

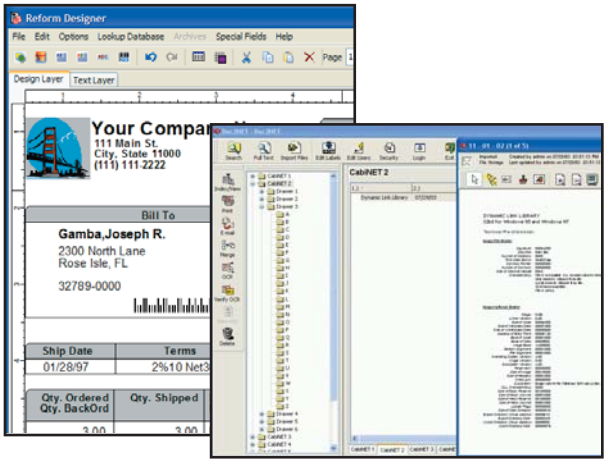
Sharpdesk Desktop Document Management Software helps users organize, annotate, edit and combine files prior to distribution.

AUTOMATED FORMS MANAGEMENT AND DISTRIBUTION

The MX-M350/M450 Document Systems integrate seamlessly with Reform Enterprise by FabSoft™. Automatically route documents to a fax or e-mail address, MFP, printer, or FTP site to speed up your workflow and save time. Easily customize forms, invoices and other transactional documents, enabling you to automate processing while maintaining a professional image.

SOPHISTICATED DOCUMENT FILING AND ARCHIVING

The MX-M350/M450 Document Systems are compatible with Liberty's Doc2NET™ software, enabling you to capture, organize, retrieve, and secure documents. With structured indexing, full text search capabilities, and output and distribution capabilities via fax, e-mail, and print, Doc2NET delivers quick and convenient access to shared documents for the entire workgroup. Scanned images can be sent directly from the MFP to the Doc2NET cabinet using the MX-AMX1 option.



Sharp's alliances with leading developers make it easy to implement enterprise-level solutions for document archiving, forms generation and more.

EASY INTEGRATION WITH DOCUMENT IMAGING APPLICATIONS

eCopy® ShareScan™ software allows the MX-M350/M450 Document Systems' scanning function to integrate with a multitude of Enterprise Content Management packages you may already be using.

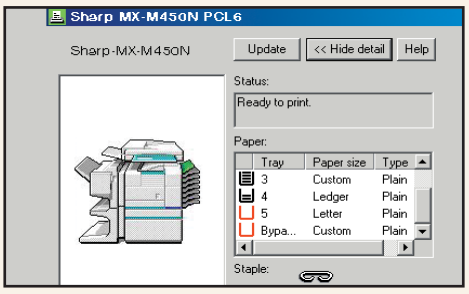
Manage files and streamline workflow with easy-to-use, built-in software.

The Sharp Administration Utility Suite

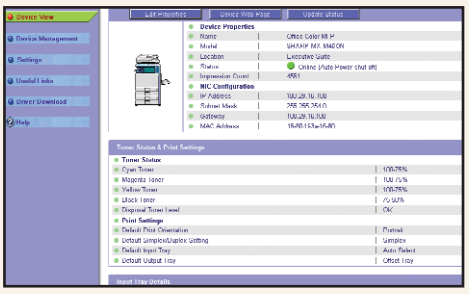
Manage all the versatile features of the MX-M350/M450 Document Systems with the Sharp Administration Utility Suite, a collection of easy-to-use software that can simplify the installation, monitoring, and use of your new systems.

- **Printer Status Monitor** enables network users to monitor printer conditions through an easy-to-use interface. Check paper levels, toner, and more before you send your job.
- **Printer Administration Utility** helps IT Managers speed up installation and configuration of printers on the network, as well as monitor any networked SNMP-compliant printers—all from one user-friendly interface.
- **Remote E-mail Diagnostics** provides access to IT Managers, Key Operators, and Authorized Sharp Dealers so they can automatically receive e-mails regarding the MX-M350/M450 Document Systems' performance and operation.
- **The Home Page** delivers advanced web-based management for both users and administrators. Users can easily create and manage their own network scanning destinations and profiles. Administrators can access device configuration, change network settings and manage ports and protocols—right from the convenience of their desktop.

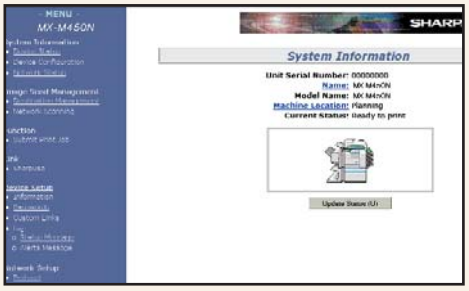
Sharp administration utility suite



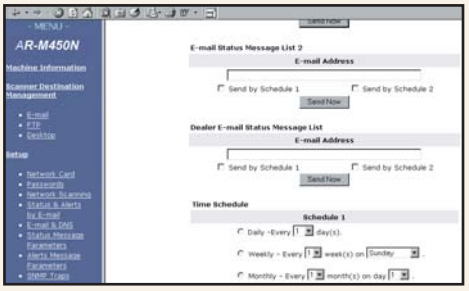
Printer Status Monitor



Printer Administration Utility



Home Page



Remote E-mail Diagnostics

ADVANCED TRACKING AND MONITORING.

STANDARD PRINT/COPY/SCAN TRACKING

The MX-M350/M450 Document Systems' versatility will undoubtedly make them the most frequently-used printer in the office. To keep tabs on user activity, Sharp includes standard copy/print accounting controls. The Print/Copy/Scan auditor enables administrators and IT Managers to track usage by ID number (up to 500 accounts) as well as by PIN code authorization.

ENHANCED PRINTING IN SAP ENVIRONMENTS

For seamless integration and enhanced device control, users can access the MX-M350/M450 Document Systems Print Driver for enhanced printing features in an SAP® environment.

ADVANCED LAN/ENTERPRISE MANAGEMENT

The MX-M350/M450 Document Systems offer extended compatibility for implementation of enterprise-wide solutions. Our alliances with providers of industry-leading EMS software ensure that the Sharp MX-M350/M450 Document Systems will work seamlessly within your existing network.

OPTIONAL DEVICE MANAGEMENT SOFTWARE

SHARPACCOUNTANT

With seamless expansion on an enterprise level, the MX-M350/M450 Document Systems offer optional SharpAccountant™ software for easy device and departmental cost management. Key features include:

- Track, copy, print, fax, scan and color by account code and name, device or function
- Charge back costs to departments or end-users
- Built-in data export to "CSV" files, "tab delimited files" or e-mail
- Easy-to-use reporting with pre-defined and custom date ranges for added convenience and flexibility
- Generate intuitive graphs
- Easily add new devices as your company grows

EQUITRAC OFFICE

Additionally, Sharp provides Equitrac Office® software, an option with extensive reporting and security controls. Key features include:

- Flexible Tracking and Charging
  - Print/Copy attribute-based tracking
- Document Output Tracking
- Client Software Tools
  - Billing code prompt
  - Online authentication
  - Desktop print tracking
- Account Management and Reporting
- PageCounter Terminal Support
- Print and User Security

THE SHARP 24/7 TRAINING ADVANTAGE

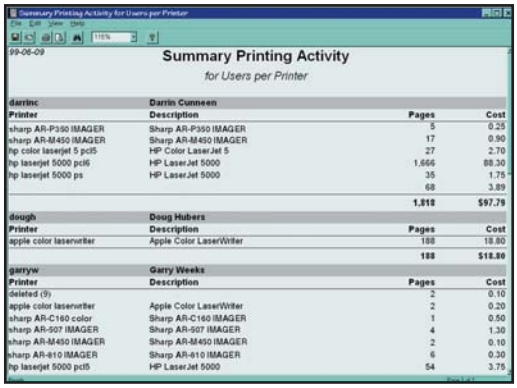
MY SHARP

To make managing your new MX-M350/M450 Document Systems simple and easy, ask your local Authorized Sharp Dealer about the My Sharp website, a dedicated customer-care website that offers solutions, resources and information specific to your new Sharp product.

SharpAccountant

SharpAccountant's user-friendly interface enables you to develop device profiles, set costs and generate valuable reports.

equitrac



Track print usage for accounting purposes with Equitrac's easy-to-use software, which provides extensive reporting and security features.

my™ SHARP

Ask your local Authorized Sharp Dealer about the My Sharp website, a dedicated customer care website specific to your needs.

MX-M350/MX-M450 SPECIFICATIONS

Main Specifications

Base Models:	**MX-M350N/M450N:** Multifunction monochrome document system; multitasking CPU with 64 bit RISC 466 MHz processor; PCL6/5e network printing system; 40 GB HD with document filing system **MX-M350U/M450U:** Multifunction monochrome document system; multitasking CPU with 64 bit RISC 466 MHz processor; PCL6/5e printing system with USB-2 interface (upgradeable to N version)
Type:	Console, modular digital document system
Functions:	Copy, print, network print, network scan, and fax[2]
Copy System:	Dry electrostatic transfer system
Exposure Source:	Xenon lamp
Photoconductor:	OPC
Developer Type:	Dual component / magnetic brush development
Fusing System:	Heat roller
Originals:	Sheets, bound documents
Original Size (Max):	11" x 17"
Copy Size:	Min. 5 1/2" x 8 1/2", Max. 11" x 17"
Copy Speed:	35/45 copies per minute (8 1/2" x 11": Standard resolution)
Continuous Copy:	Max. 999 copies
First Copy Out Time:	4.9/4.4 Seconds (document glass); 6.0/5.3 Seconds (DSPF) (Based on letter size original with polygon motor running)
Warm-Up Time:	80 seconds or less
Magnification Range:	25% to 400% in 1% increments (with DSPF 25%-200%)
Fixed Magnification:	25%, 50%, 64%, 77%, 100%, 121%, 129%, 200, 400%
Original Feed System:	50-sheet duplex single pass feeder (DSPF) with original size detection (30 sheets for ledger/legal size)
Scan Speed:	Up to 45 OPM (letter size/standard resolution/1 side)
Original Sizes:	5 1/2" x 8 1/2", 8 1/2" x 11", 8 1/2" x 11" R, 8 1/2" x 14", 11" x 17" (15-34 lbs.)
Paper Feed System:	Standard: (1) 500-sheet 8 1/2" x 11" paper cassette Optional: (1) 2,500-sheet Multi-purpose desk (500-sheet MP drawer + 2,000 sheet letter size drawer, or (1) 1,500-sheet paper drawer (1 MP + 2 letter/legal/ledger drawers), or (1) 500-sheet MP drawer + optional cabinet.
Paper Type:	Standard and optional letter size paper drawers: 16-28 lb. plain bond paper. Other paper types include recycled, pre-printed, pre-punched, color, and letterhead.
Multi-purpose Drawers:	Plain paper (16-34 lbs.), letter/legal/ledger/statement size paper, index paper (97 lbs.), cover paper (54-55 lbs.), transparency film (20 sheets), letterhead, envelopes, and labels.
Duplexing:	Optional duplex module AR-DU3, non-stacking duplexing unit or AR-DU4, non-stacking duplexing unit with 100-sheet manual bypass tray. Bypass paper types: plain paper (16-34 lbs.), tracing paper 14-15 lbs (single feed), index paper (97 lbs.), cover paper (54-55 lbs.), transparency film (20 sheets), letterhead, envelopes, and labels
Interface:	USB-2.0, RJ-45 (N models)
Controller Type:	466 MHz Multitasking
Memory (total):	128 MB shared, expandable to 384 MB with 256 MB DIMM
Hard Disk Drive:	40 GB; 16 GB for document filing/24 GB for enhanced copy, print, and scan operations (standard on N models)
Copy Resolution:	Scan: 600 dpi; Copy output: 1,200 dpi (equivalent)
Exposure Modes:	Text, text/photo, photo; auto; 9 step manual
Halftone:	256 gradations/2 levels
Copy Features:	Scan-Once Print-Many, electronic sorting, Auto Paper Sensing (APS), Auto Magnification Sensing (AMS), auto tray switching, X-Y zoom, reserve copy, tandem copy (N models), book copy, margin shift, job build, edge erase, center erase, dual page copy, cover pages, insert pages, transparency insert, card shot, multi-shot, reverse image, mirror image, cover page, document filing (N models), department control, job programs, date stamp, character stamp, and page stamp.
Department Control:	500
Job Build:	10,000 sheets (N models); based on memory (U models)
Output Tray Capacity:	Main output tray (top) up to 400 sheets (face down)
Firmware:	Flash ROM with USB and remote update Management
Power Requirement:	AC 100-127 VAC, 60 HZ, 12 Amps
Power Consumption:	MX-M350: Max 1440 W, pre-heat 184.75 W, sleep mode 80 W MX-M450: Max 1440 W, pre-heat 223.25 W, sleep mode 95 W
Weight:	Approx. 223.6 lbs.[2]
Dimensions:	38 3/16" (w) x 26 11/64" (d) x 44 23/64" (h) [2]

Printing System (Standard)

PDL:	PCL6 (XL), PCL5e compatible
Resolution:	1200 dpi (equivalent), 600 dpi, 300 dpi
Print Speed:	35/45 pages per minute (8 1/2" x 11")
Print Drivers:	Windows® 98/ME, 2000, XP, Vista™, 2003 Server; 2003 Server x64 (GPD only), MAC® OS9, OSX (PPD only)
Software:	Print drivers, Printer Status Monitor, Printer Administration Utility
ROPM:	Yes (rip once print many)
Features:	Duplex printing, booklet print, binding edge, N-up printing, different cover page/last page, transparency inserts, carbon copy print mode, continuous printing, fit to page, watermarks, PIN printing, print hold, proof print, print auditor, print smoothing, font/form downloads, and PDF/TIFF direct print function.[1, 3] (Note: some features not available on certain print drivers).
Resident Fonts:	80 outline fonts standard, barcode fonts (optional)
Interface:	USB 2.0

Network Expansion Kit (Standard on N models)

Interface:	Ethernet; 10/100 BaseT
Network Protocols:	IPX/SPX, TCP/IP (IPv4; IPv6 and IPsec (LPD only)), Ether Talk, NetBEUI
Printing Protocols:	LPR, IPP, PAP, RAW TCP (Port 9100), FTP, Novell® PServer/RPrinter
Function:	Network printing including features of Local PC Printing System
Software:	Printer Status Monitor and Printer Administration Utility
Additional Features:	Tandem, Windows Cluster, E-mail to Print, FTP Push Print; Web submission and driver delivery via Printer Administration Utility (not available for all print drivers)
Security:	IP/MAC address filtering, protocol filtering, port management, user authentication

Network Scanner Expansion Kit (Option)

Original Size:	Up to 11" x 17", single or two-sided
Scan Output:	Resolution: 600, 400, 300, 200 or 100 dpi, PDF/TIFF/TIFF-F/Compressions
Scan Destinations:	E-mail, Desktop, FTP, Folder (SMB); Internet fax (opt)
Scan w/Metadata:	E-mail, Desktop, FTP, SMB
Network Protocol:	IPX/SPX, TCP/IP(IPv4, IPv6, IPsec (LPD)), Ether Talk, Net BEUI®
Supported Mail:	Mail servers supporting SMTP
Destinations:	Max. 999, including E-mail, FTP, Desktop Folder, Internet-Fax, and Group destinations Total of 100 Send to FTP and Desktop destinations can be stored
Security:	SSL, E-mail server user authentication and user account control, comprehensive access control and e-mail audit control
Software:	Sharpdesk Desktop Document Management software (10 user license)

Two-Tray Finisher (Option)

Type:	Desktop finisher with dual exit trays (mounts on right side)
Output Trays:	Upper tray: Exit/Lower tray: Offset stack tray (face down)
Output Capacity:	Upper tray: 500 sheets (letter), also supports legal, ledger, statement size; Lower tray: 750 sheets (letter)
Stapling Media:	Plain paper, letter size
Stapling Positions:	1 front, 1 rear, or both
Max. Pages for Stapling:	30 sheets (letter size)
Dimensions:	18 7/64" (w) x 20 55/64" (d) x 20" (h)

Saddle-Stitch Finisher (Option)

Type:	Console finisher with dual exit trays (mounts on left side)
Output Trays:	Upper tray: Offset stack tray / Lower tray: Book tray for saddle stitch
Output Capacity:	Upper/lower tray: 1000 sheets (letter)/500 sheets (legal/ledger), also supports statement size
Staple/Sort Capacity:	Up to 50 sets (up to output capacity above)
Output Delivery:	Face down
Stapling Media:	Plain paper, letter/legal/ledger size or mixed letter/ledger
Stapling Positions:	1 front, 1 rear, or both
Saddle-Stitch Function:	Center stitch/center folding (2 staples) letter/ledger paper sizes
Saddle-Stitch Sets:	Up to 10 sets (6-10 sheets)/up to 20 sets (1-5 sheets)
Max. Pages for Stapling:	50 sheets (letter size)/25 sheets (legal/ledger size)
Hole Punching:	Optional hole punch unit AR-PN1B (2 holes/3 holes)
Dimensions:	24 29/64" (w) x 23 47/64" (d) x 39 23/64" (h)

Mail Bin Stacker (Option)

Type:	Desktop mail bin stacker with 8 tray exit (mounts on right side)
Output Trays:	Upper tray: Exit; Lower tray: 7 mail bins (face down)
Output Capacity:	Upper tray: Up to 250 sheets (letter), also supports legal/ledger/statement; Lower tray: Up to 100 sheets per bin (letter), also supports legal/ledger
Dimensions:	18 15/16" (w) x 20 55/64" (d) x 20" (h)

Super G3 Fax Kit (Option)

Transmission Mode:	Super G3, G3
Modem Speed:	33.6 KBPS[4]
Compression:	JBIG, MMR, MR, MH
Scanning Method:	Sheet fed simplex or duplex or book
Max. Resolution:	400 DPI (ultra-fine)
Transmission Speed:	Approximately 2 Seconds with JBIG[4]
Auto-Dial Destinations:	Up to 999 (N models); Up to 500 (U models)
Group Destinations:	Up to 500 (N models); Up to 300 (U models)
Long Length Originals:	Up to 31.5" (for transmission)
Programs:	8 profiles
Memory:	2 MB standard/10 MB max. (8 MB option)
Halftone:	256 levels
Timer functions:	Up to 50 jobs

Optional Equipment

MX-EFX1:	Scanner module[6]
AR-RK2:	Scanner rack[6]
AR-D27:	1,500-sheet paper drawer (1 MP + 2 letter/legal/ledger)[6]
AR-D28:	2,500-sheet paper desk (2,000-letter + 500-sheet multi-purpose)[6]
AR-MU2:	500-sheet multi purpose drawer (requires AR-45ABD cabinet)[7]
AR-45ABD:	Cabinet[6]
AR-DU3:	Standard duplexing unit[7]
AR-DU4:	Duplexing unit with 100-sheet bypass tray[7]
AR-TE3:	Exit tray (left exit)
AR-TE4:	Upper exit tray (right exit)
AR-TE5:	Right side cabinet/exit tray
AR-FN6:	Two-tray finisher (right side mount)
AR-FN7:	Saddle-stitch finisher (left side mount)
AR-PN1B:	Hole-punch unit (for AR-FN7)
AR-MS1:	Mail bin stacker (right side mount)
AR-PF1:	Bar code font kit
AR-PK6:	Postscript® 3™ Compatible Expansion Kit
MX-NSX1:	Network Scanning Kit
MX-NBX2:	Network Expansion Kit
MX-NBX3:	Network Expansion Kit with 40 GB HD and Document Filing Systems[5]
MX-FRX6U:	Commercial Data Security Kit (for N models)
MX-FRX7U:	Commercial Data Security Kit (for U models)
MX-AMX1:	Application Integration Module[1]
MX-AMX2:	Sharp OSA Application Communication Module[1]
MX-AMX3:	Sharp OSA External Accounting Module[1]
AR-FX12:	Super G3 Fax Kit
AR-MM9:	8 MB fax upgrade memory
MX-FWX1:	Internet Fax Expansion Kit[1]

Supplies

AR-455MT:	Toner Cartridge
AR-455MD:	Developer
AR-455DR:	Drum cartridge

1 Some features require optional equipment.
2 Includes scanner, scanner rack, and multi-purpose desk.
3 Supports PCL/Text, TIFF, PDF, and PS3 files.
4 Based on ITU Test chart #1 in standard resolution, actual transmission speed and time will vary based on line conditions.
5 Upgrades U model to N model functionality.
6 Available with package. See your local Authorized Sharp Dealer.
7 MX-M450 models require optional AR-DU3 or AR-DU4 duplexing unit to fully qualify for *ENERGY STAR®*.

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Sharp Plaza, Mahwah, NJ 07430-1163
1-800-BE-SHARP • www.sharpusa.com

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